

MAY 23 2005

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1419 APTD

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet | 1

1

Q

2

Application Number

Complete If Known

10/750,208

Filing Date

December 31, 2003

First Named Inventor

Neil A. A. Simpson

Art Unit

3672

Examiner Name

William P. Neuder

Attorney Docket Number

WEAT/0080.C2

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

10/13/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

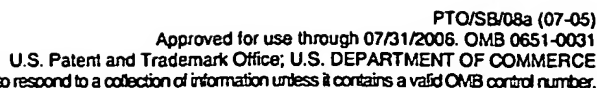
Application Number	10/750,208
Filing Date	December 31, 2003
First Named Inventor	Neil A. A. Simpson
Art Unit	3672
Examiner Name	William P. Neuder
Attorney Docket Number	WEAT/0080.C2

Sheet 2 of 2

[illegible]

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

367113_1



Application Number	10/750,208
Filing Date	December 31, 2003
First Named Inventor	Neil A. A. Simpson
Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0080.C2

397189 1

Please type a plus sign (+) inside this box →

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

AUG 25 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/750,208
Filing Date	12/31/2003
First Named Inventor	SIMPSON
Group Art Unit	3672
Examiner Name	UNKNOWN
Attorney Docket Number	WEAT/0080.C2
Submission Date	

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
~	A1	761,518	05/31/1904	Lykken	
	A2	1,324,303	12/09/1919	Carmichael	
	A3	1,561,418	11/10/1925	Duda	
	A4	1,545,039	07/07/1925	Deavers	
	A5	1,569,729	01/12/1926	Duda	
	A6	1,597,212	08/24/1926	Spengler	
	A7	1,930,825	10/17/1933	Raymond	
	A8	1,981,525	11/20/1934	Price	
	A9	2,383,214	04/21/1945	Prout et al.	
	A10	2,499,630	03/07/1950	Clark	
	A11	2,627,891	02/10/1953	Clark	
	A12	2,663,073	12/22/1953	Bieber et al.	
	A13	2,754,577	07/17/1956	Maxwell	
	A14	2,898,971	08/11/1959	Hempel	
	A15	3,087,546	04/30/1963	Woolley	
	A16	3,195,646	07/20/1965	Brown	
	A17	3,467,180	09/16/1969	Pensotti	
	A18	3,818,734	06/25/1974	Bateman	
	A19	3,911,707	10/14/1975	Minakov et al.	
	A20	4,069,573	01/24/1978	Rogers et al.	
	A21	4,127,168	11/28/1978	Hanson et al.	
	A22	4,159,564	07/03/1979	Cooper	
	A23	4,288,082	09/08/1981	Setterberg	
	A24	4,324,407	04/13/1982	Upham et al.	
	A25	4,371,199	02/01/1983	Kushner et al.	
	A26	4,429,620	02/07/1984	Burkhardt et al.	
	A27	4,502,308	03/05/1985	Kelly	
	A28	4,531,581	07/30/1985	Pringle et al.	
	A29	4,588,030	05/13/1986	Blizzard	
	A30	4,697,640	10/06/1987	Szarka	
	A31	4,848,469	07/18/1989	Baugh et al.	
	A32	5,271,472	12/21/1993	Letumo	
	A33	5,322,127	06/21/1994	McNair et al.	
	A34	5,409,059	04/25/1995	McHardy	
	A35	5,435,400	07/25/1995	Smith	
g	A36	5,472,057	12/05/1995	Winfree	

Please type a plus sign (+) inside this box → +

PTO/SB/08a (08-03)

Approved for use through 07/31/2008, OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of 2

Application Number	10/750,208
Filing Date	12/31/2003
First Named Inventor	SIMPSON
Group Art Unit	3672
Examiner Name	UNKNOWN
Attorney Docket Number	WEAT/0080.C2
Submission Date	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>[initials]</i>	A37	5,560,426	10/01/1996	Trahan et al.	
	A38	5,685,369	11/11/1997	Ellis et al.	
	A39	5,901,787	05/11/1999	Boyle	
	A40	6,021,850	02/08/2000	Wood et al.	
	A41	6,098,717	08/08/2000	Bailey et al.	
	A42	6,325,148 B1	12/04/2001	Trahan et al.	
	A43	6,425,444 B1	07/30/2002	Metcalfe et al.	
	A44	6,446,323 B1	09/10/2002	Metcalfe et al.	
	A45	6,453,552	04/08/2003	Metcalfe	
	A46	6,457,532	10/01/2004	Simpson	
	A47	6,527,049	03/04/2003	Metcalfe et al.	
	A48	6,702,029	03/09/2004	Metcalfe et al.	
<i>[initials]</i>	A49	6,702,030	03/09/2004	Simpson	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
<i>[initials]</i>	B1	EP 0 961 007 A2	01/12/1999			
	B2	UK 1,448,304	02/09/1976			
	B3	UK 1,457,843	08/12/1976			
	B4	UK 2,216,926 A	18/10/1989			
	B5	UK 2,313,860 B	01/11/2000			
	B6	UK 2,320,734 A	01/07/1998			
	B7	UK 2,329,918	07/04/1999			
	B8	WO 99/18328	15/04/1999			
	B9	WO 99/23354	14/05/1999			
<i>[initials]</i>	B10	WO 93/24728 A1	12/09/1993			

Examiner

[signature]

Date Considered

10/13/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

The PTO did not receive the fol-
lowing item(s) *FOR* documents.

Please type a plus sign(+) inside this box →

PTO/SB/D8a (08-03)

Approved for use through 07/31/2006, OMB 0551-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 1

Application Number	10/750,208
Filing Date	December 31, 2003
First Named Inventor	Neil Andrew Abercrombie Simpson
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0080.C2
Submission Date	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
~	A1	US-3,785,193	01/15/1974	Kinley et al.	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Number-Kind Code ² (if known)				
~	B1	RU 2002035 C1	31.07.1991	Abdrakhmanov		✓
~	B2	RU 2064357 C1	27.07.1996	Mukhametshin		✓
~	B3	RU 2144128 C1	01.10.2000	Takhautdinov		✓
	B4					
	B5					

Examiner

Anders M

Date Considered

10/13/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.